

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)
2. (currently amended) The echo canceler according to claim 10, wherein:
said control register is adapted to configure a span length of said echo canceler module.
3. (currently amended) The echo canceler according to claim 2, wherein:
said span length is adapted to be operably reconfigurable.
4. (currently amended) The echo canceler according to claim 10, wherein:
said control register is adapted to configure a step size relating to adaptation of said echo canceler module.
5. (currently amended) The echo canceler according to claim 4, wherein:
said step size is adapted to be operably reconfigurable.
6. (currently amended) The echo canceler according to claim 10, wherein:
said control register is adapted to configure an ability to update tap information relating to said echo canceler module.

7. (currently amended) The echo canceler according to claim 6, wherein:

said ability to update tap information is adapted to be operably reconfigurable.

8. (currently amended) The echo canceler according to claim 10, wherein:

said control register is adapted to select one of a plurality of possible adaptation modes of said echo canceler module.

9. (currently amended) The echo canceler according to claim 8, wherein:

said selection between the plurality of possible adaptation modes is operably reconfigurable.

10. (previously presented) An echo canceler, comprising:
an echo canceler module configurable as one of an acoustic echo canceler and a hybrid echo canceler; and

a control register adapted to configure said echo canceler module as said one of said acoustic echo canceler and said hybrid echo canceler;

wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in a first wireless device and as said hybrid echo canceler in a second wireless device; and

said control register is adapted to select between sub-band center clipping and full-band center clipping with respect to said echo canceler module.

11. (currently amended) The echo canceler according to claim 10, wherein:

said selection between sub-band center clipping and full-band center clipping is operably reconfigurable.

12. (currently amended) An ~~The~~ echo canceler, comprising:
according to claim 1, wherein:

an echo canceler module configurable as one of an acoustic echo canceler and a hybrid echo canceler; and

a control register adapted to configure said echo canceler module as said one of said acoustic echo canceler and said hybrid echo canceler;

wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in a first wireless device and as said hybrid echo canceler in a second wireless device; and

wherein said control register is adapted to select between sub-band echo cancellation and full-band echo cancellation.

13. (currently amended) The echo canceler according to claim 12, wherein:

said selection between sub-band echo cancellation and full-band echo cancellation is operably reconfigurable.

14. (currently amended) The echo canceler according to claim 10, wherein:

said echo canceler module is adapted to configurably receive an input signal from two of:

a microphone,
a telephone line in, and
handset in.

15. (canceled)

16. (currently amended) The method according to claim 20, wherein said configuring comprises:

changing a span length of said echo canceler module.

17. (currently amended) The method according to claim 20, wherein said configuring comprises:

changing an adaptation speed of said echo canceler module.

18. (currently amended) The method according to claim 15, wherein said configuring comprises:

changing an enablement status of a tap update ability of said echo canceler module.

19. (currently amended) The method according to claim 20, wherein said configuring comprises:

changing an adaptation mode of said echo canceler module.

20. (previously presented) A method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, said method comprising:

configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler, said configuring comprises selecting between sub-band center clipping or full-band center clipping with respect to said echo canceler module;

operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in said first wireless device and as said hybrid echo canceler in said second wireless device.

21. (previously presented) A method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, said method comprising:

configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler, said configuring comprising selecting between sub-band echo cancellation or full-band echo cancellation with respect to said echo canceler module;

operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module is configurable to operate through a common physical connection as said acoustic echo canceler in said first wireless device and as said hybrid echo canceler in said second wireless device.

22. (canceled)

23. (currently amended) The echo canceler according to claim 10, wherein:

said first wireless device is a handset of a digital cordless telephone.

24. (currently amended) The echo canceler according to claim 10, wherein:

said second wireless device is a base unit of a digital cordless telephone.

25. (canceled)

26. (canceled)

27. (canceled)

28. (canceled)

29. (new) The echo canceler according to claim 12, wherein:
said first wireless device is a handset of a digital cordless
telephone.

30. (new) The echo canceler according to claim 12, wherein:
said second wireless device is a base unit of a digital cordless
telephone.

31. (new) The echo canceler according to claim 12, wherein:
said echo canceler module is adapted to configurably receive an
input signal from two of:
a microphone,
a telephone line in, and
handset in.

32. (new) The echo canceler according to claim 12, wherein:
said control register is adapted to configure a span length of said
echo canceler module.

33. (new) The echo canceler according to claim 32, wherein:
said span length is adapted to be operably reconfigurable.

34. (new) The echo canceler according to claim 12, wherein:
said control register is adapted to configure a step size relating to
adaptation of said echo canceler module.

35. (new) The echo canceler according to claim 34, wherein:
said step size is adapted to be operably reconfigurable.

36. (new) The echo canceler according to claim 12, wherein:
said control register is adapted to configure an ability to update tap
information relating to said echo canceler module.

37. (new) The echo canceler according to claim 36, wherein:
said ability to update tap information is adapted to be operably
reconfigurable.

38. (new) The echo canceler according to claim 12, wherein:
said control register is adapted to select one of a plurality of
possible adaptation modes of said digital echo canceler module.

39. (new) The echo canceler according to claim 38, wherein:
said selection between the plurality of possible adaptation modes is
operably reconfigurable.

40. (new) The method according to claim 21, wherein said
configuring comprises:
changing a span length of said echo canceler module.

41. (new) The method according to claim 21, wherein said
configuring comprises:
changing an adaptation speed of said echo canceler module.

42. (new) The method according to claim 21, wherein said
reconfiguring comprises:
changing an enablement status of a tap update ability of said echo
canceler module.

43. (new) The method according to claim 21, wherein said configuring comprises:

changing an adaptation mode of said echo canceler module.